



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	10/781,585		
		Filing Date	February 11, 2004		
		First Named Inventor	Wisler, Macmillan		
		Art Unit			
		Examiner Name			
Sheet	One	of	Two	Attorney Docket Number	AES 03-003 CIP

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
A		US- 4,684,946	08-04-1987	Issenmann, Olivier	
		US- 5,163,714	11-17-1992	Issenmann, Olivier	
		US- 5,394,141	02-28-1995	Soulier, Louis	
		US- 5,945,923	08-31-1999	Soulier, Louis	
		US- 6,531,871B1	03-11-2003	Hay et al.	
		US- 6,628,206B1	09-30-2003	Soulier, Louis	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code 3 - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	4/24/06
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449B/PTO

(use as many sheets as necessary)

Sheet	Two	of	Two
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Complete If Known

Application Number	10/781,585
Filing Date	February 11, 2004
First Named Inventor	Wisler, Macmillan
Group Art Unit	
Examiner Name	
Attorney Docket Number	AES 03-003 CIP

**Examiner
Initials***

Cite
No. 1

include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

T2

Peter Brett, Denis Weisbeck, Robert Graham; Innovative Technology Advances Use of Electromagnetic MWD Offshore in Southern North Sea; IADC/SPE 81628 Technical Paper. Presented at the IADC/SPE Underbalanced Technology Conference & Exhibition held in Houston, TX, March 25-26, 2003.

**Examiner
Signature**

Date _____

Considered

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			Art Unit		
			Examiner Name		
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
J P		US- 4,181,014	01-01-80	Zuvela, Bernard	
		US- 4,578,675	03-25-86	MacLeod, Norman	
		US- 4,770,034	09-13-88	Titchener, Paul	
		US- 6,392,561 B1	05-21-02	Davies, Evan	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
J		EP 1035299A2	09-13-00	Van Steenwyk, D.		

Examiner Signature	<i>allt</i>	Date Considered	4/22/06
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		Group Art Unit			
		Examiner Name			
Sheet	Two	of	Two	Attorney Docket Number	AES 03-003 CIP

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>W</i>		Search Report - GB0417541.0	

Examiner Signature	<i>awb</i>	Date Considered	4/22/06
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